FOR MORE INFORMATION

13 2200 or 13 2000 (BUSINESS)

telstra.com

visit a telstra store or partner

GETTING TO KNOW YOUR TELSTRA WI-FI 4G ADVANCED

IT'S HOW WE CONNECT

LET'S GET THIS SHOW ON THE ROAD

Your Telstra Wi-Fi 4G Advanced has been tested to highest standards to deliver you the best possible coverage and speed experience on the network without equal.

This guide will help you get connected as quickly and as easily as possible. It'll guide you through installation and run through all the handy extra features that are included.

If all goes to plan you'll be up and running in no time.

WHAT'S INSIDE

03 Safety first
05 Let's get started
11 Getting connected
17 Using the LCD touchscreen
23 Using the Web Interface
33 Problem solving
39 Extra bits you should know

SAFETY FIRST

Please read all the safety notices before using this device.
Do not use the Telstra Wi-Fi 4G Advanced near fuel or chemicals or in any prescribed areas such as service stations, refineries, hospitals, and aircraft. Obey all warning signs where posted.

RADIO FREQUENCY SAFETY INFORMATION

The Telstra Wi-Fi 4G Advanced has an internal antenna. For optimum performance with minimum power consumption, do not shield the device or cover with any object. Covering the antenna affects signal quality, and may cause the Telstra Wi-Fi 4G Advanced to operate at a higher power level than needed, and may shorten battery life.

RADIO FREQUENCY ENERGY

Your Telstra Wi-Fi 4G Advanced is a low-power radio transmitter and receiver. When switched on it intermittently transmits radio frequency (RF) energy (radio waves). The transmit power level is optimised for best performance and automatically reduces when there is good reception. Maximum power is only used at the edge of network coverage so under most circumstances, the power output is very low. Under poor network conditions the Telstra Wi-Fi 4G Advanced transmits at a higher power, may get hot and have significantly shorter battery life.

DECLARATION OF CONFORMITY – MAXIMUM PERMISSIBLE EXPOSURE

The Telstra Wi-Fi 4G Advanced is designed to be used at least 20 cm from the body. We declare that the product detailed in this manual, and in combination with our accessories, conforms with the essential requirements of the Radio Communications Standard (Electromagnetic IC Radiation Human Exposure) 2003 and the Australian Communications and Media Authority Section 376 of the Telecommunications Act 1997 when used at a distance of not less than 20 cm from the body. The worst case SAR test result for 10g tissue size measured at 10mm distance is 1.45 mW/g.

N10947

ROHS DECLARATION (RESTRICTION OF HAZARDOUS SUBSTANCES)

This device is compliant with the REACH Regulation (Regulation EC No 1907/2006) and RoHS Directive Recast (Directive 2011/65/EU). Batteries are compliant with the Battery Directive (Directive 2006/66/EC).

LET'S GET STARTED

YOUR PACKAGE CONTAINS THE FOLLOWING:

- Telstra Wi-Fi 4G Advanced device and battery
- This Getting Started Guide
- Micro USB charging
- Jump boost cable
- AC adapter
- Manufacturer's warranty card

YOU CAN ALSO PURCHASE THE FOLLOWING ACCESSORIES FOR YOUR DEVICE:

- External antenna (MIMO Dual TS9 port) – improves performance in areas with low signal strength. See your local Telstra store or partner for assistance with picking the best antenna option for you as well as help with installation.

  Information on accessories is available at: http://www.netgear.com/telstraaccessories

YOU CAN USE YOUR TELSTRA WI-FI 4G ADVANCED WITH THESE OPERATING SYSTEMS:

- Windows® 8 (32/64-bit)
- Windows® RT
- Windows® 7 (32/64-bit)
- Windows Vista® (SP2 32/64-bit)
- Windows XP (SP3, Media Centre Editions 32/64-bit)
- Mac OS® X 10.6 or later

YOUR TELSTRA WI-FI 4G ADVANCED

1 LCD touchscreen
Resistive touch screen with options to manage device settings, data connection, and Wi-Fi network usage.

2 Status LED
Shows data connection status

- Ready (slow blue blink)
- Transferring data (double blue blink)
- Not ready (slow amber blink)

3 Power key

- Turn the device on or off — Press the key for a few seconds. The LED blinks blue when the device is ready.
- Wake the device and Wi-Fi radio — Press and quickly release the Power key.

4 SIM slot
Easy access to insert your account SIM. (See page 11.)

5 AC adapter / Micro USB port
Recharge the battery faster by using the adapter (See page 15.)

6 Device status icons
Icons on the top row of the screen indicate device and network status. See page 9 for details.

7 Configuration / status elements

Data usage — Tap to view details (page 17).

Devices — Shows number of connected devices. Tap to view device details (page 18).

Wi-Fi — Lit when on. Tap to configure Wi-Fi settings (page 18).

Messages — Tap to view SMS messages (page 20).

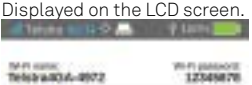
Settings — Tap to configure device settings (page 21).

8 External antenna ports
Connections for an optional MIMO Dual TS9 port antenna, which is available from your retailer. Connect the antenna carefully to avoid damage to your device (see page 37 for instructions).

ICONS

ICON		DESCRIPTION
	Signal strength/ roaming	1 bar — low level 5 bars — excellent Triangle — roaming (connected to a network other than Telstra's)
	Network type	4G and 4G CA (Carrier Aggregation)
		HSPA+ Dual-Carrier
		3G
	Alert	Tap to view alerts.
	GPS	Continuous tracking or searching for satellite fix. Glows while searching / tracking.
	Battery level	Green — 26%-100% charged Yellow — battery low Red — critical (Less than 10% charge)
	Traffic	Outline — Connected Solid — Sending / receiving None — Not connected
	Hub	Appears when docked in a hub (sold separately)

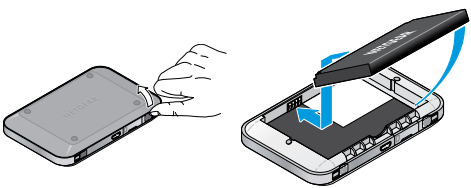
QUICK REFERENCE SECTION

Web Interface (home page)	http://m.home
Web Interface Password	**admin** Printed on the label under the battery.
Default Main Wi-Fi name and password	Displayed on the LCD screen.  Tap Wi-Fi > Main Wi-Fi to view or update.
Guest Wi-Fi name and password	Displayed on the LCD screen (when Guest Wi-Fi is enabled). Tap Wi-Fi > Wi-Fi Profiles to view or update.
Restore Defaults	Tap Settings > Reset
Enable/Disable Dual-band Wi-Fi	Tap Wi-Fi > Wi-Fi Profiles to select a suitable Wi-Fi profile.
Jump charge another device	Use the jump boost cable to connect to another device, then tap Settings > JumpBoost.
Update software	Tap Settings > More > About, then tap Software Updates.

GETTING CONNECTED

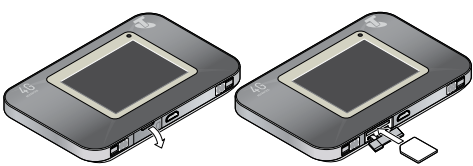
1. INSERT BATTERY

Remove the back cover by lifting at the notch above either external antenna port. Then insert the battery as shown and replace the cover.



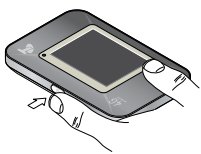
2. INSERT SIM

Your microSIM card should already be inserted. However if you are replacing the microSIM, remove the SIM slot cover, then insert the microSIM card as shown below and close the slot cover.



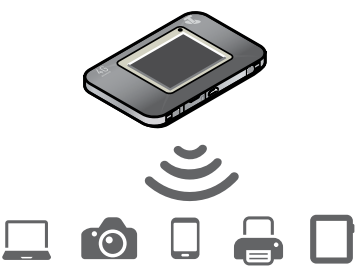
3. SWITCH DEVICE ON

Press and hold the Power key for a few seconds to turn on your Telstra Wi-Fi 4G Advanced.
(Note: Remove the screen protector.)



4.CONNECT TO THE INTERNET

You can connect up to 10 wireless devices on your Telstra Wi-Fi 4G Advanced's Main and Guest Wi-Fi networks. Devices can connect using the Wi-Fi network name and password, or using Wi-Fi Protected Setup (WPS). See following page for connection instructions.



SEARCH FOR WIRELESS NETWORKS

- Make sure your computer or other device has Wi-Fi enabled and search for wireless networks. Refer to your Wi-Fi enabled device manual for further details on searching for wireless networks.

  Mac users: Make sure AirPort is turned on

- Select the Wi-Fi name displayed on the LCD of your device, then click Connect.
- Type in the Wi-Fi password as it appears on the LCD screen and click OK.

Your device is now connected to the Telstra Wi-Fi 4G Advanced and ready to use.

Note: You can modify the Main Wi-Fi or Guest Wi-Fi names and passwords from the LCD touchscreen (tap Wi-Fi > Main Wi-Fi or Wi-Fi > Wi-Fi Profiles), or the web interface (device home page) at http://m.home (see page 27 for more details).

CONNECTING WPS-ENABLED DEVICES

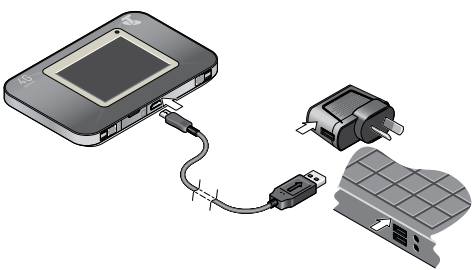
- Tap Wi-Fi > WPS.
- Tap Pair with Main Wi-Fi or, if Guest Wi-Fi is enabled, Pair with Guest Wi-Fi.
- Within 2 minutes, press the WPS button on the device you want to connect to your Wi-Fi network.
  The Telstra Wi-Fi 4G Advanced and the other device communicate with each other and establish the connection.

  Your device is now connected to the Telstra Wi-Fi 4G Advanced and ready to use.

RECHARGING YOUR BATTERY

Your battery comes partially charged. When you need to recharge it:

- Plug the micro-USB cable into the device.
- Plug the other end of the cable into the AC adapter and plug the adapter into an electrical outlet, or plug into the USB port on your computer.



INTERNATIONAL ROAMING

You can use your Telstra Wi-Fi 4G Advanced service while overseas. International Roaming is available by calling Telstra on 13 2200 or 13 2000 for business customers.

It is important to note that different charges apply when using your Telstra service overseas and that any monthly allowance included with your Telstra plan excludes use while overseas. For a full list of available countries and charges, go to telstra.com.au/roaming.

USING THE LCD TOUCHSCREEN

DATA USAGE

You can view your data usage on the LCD's home screen, and on the web interface (see page 23).

Note: The plan data counter resets automatically when the next billing cycle starts, and the session data counter resets automatically for each session.

Data plan information is provided as a guide only; see "Data Usage Details" on page 40.

On the home screen, the data usage bar colour changes depending on the amount of data remaining in the current billing cycle:

- Green — 26-100% remaining
- Yellow — 10-25% remaining
- Red — < 10% remaining

To view details about your data usage:

- On the home screen, tap the portion of the data usage bar shown below (not outside of it.)

DEVICES

The Devices icon shows the number of users currently connected to the Telstra Wi-Fi 4G Advanced over Wi-Fi.

You can see which devices are connected to your Main and Guest Wi-Fi networks, and block unauthorized devices from connecting.

- On the home screen, tap the Devices icon.
- Tap the name of a connected device to see its IP and MAC addresses, and if you want, to block it from connecting to your Wi-Fi network.

MANAGE WI-FI

You can manage your Wi-Fi settings on the LCD touchscreen and on the web interface (see page 27), including selecting a Wi-Fi profile for using the device's Dual-band Wi-Fi radio or enabling a Guest Wi-Fi network.

By default, Main Wi-Fi is enabled and Guest Wi-Fi is disabled.

Dual-band Wi-Fi (2.4 GHz / 5 GHz)

Your device's dual-band Wi-Fi radio gives you the flexibility of connecting devices that support dual-band Wi-Fi to transfer data at higher throughputs. If your devices support dual-band Wi-Fi, enable this in Wi-Fi > Wi-Fi Profiles.

Guest Wi-Fi network

You can set up a Guest Wi-Fi network for temporary users, and use the Main Wi-Fi network for trusted devices.

To change any of your Wi-Fi settings:

- On the home screen, tap the Wi-Fi icon.
-

- Use the options on the Wi-Fi screen to customize your Wi-Fi settings:
    1. **Main Wi-Fi** — Set the Main Wi-Fi name and password.
    2. **Wi-Fi Profiles** — Choose a Wi-Fi profile and set the Guest Wi-Fi name and password.
    3. **WPS** — Connect a WPS-enabled device tothe Main or Guest Wi-Fi network.

4. **Options** — Configure the Wi-Fi radio, the Main and Guest Wi-Fi networks, and the number of devices that can connect at the same time,
5. **Block List** — Prevent specific devices from connecting to your Wi-Fi networks.

Note: The device resets when you change Wi-Fi settings and connected devices are disconnected.

MESSAGES

The Messages icon shows the number of unread SMS messages received by your device.

- On the home screen, tap the Messages icon.
- Tap a message line to read the full message.

MANAGE DEVICE SETTINGS

You can customize other options as well as access additional features such as Jump Boost and GPS in Settings.

To customize your device's settings:

- On the home screen, tap the Settings icon.

- Use the options on the Settings screen to customize your device:
  1. **Display** — Configure the touchscreen display (brighness, timeout, display of Wi-Fi credentials, status LED display)
  2. **Network** — Choose the network types to use, set roaming rules, display network connection details.
  3. **Sleep** — Set the device to sleep after being inactive for a certain time period, to conserve your battery.
  4. **GPS** — Enable GPS, get one time location fixes or continuous tracking.
  5. **Reset** — Reset the device to factory defaults.
  6. **More** — See information about the device.

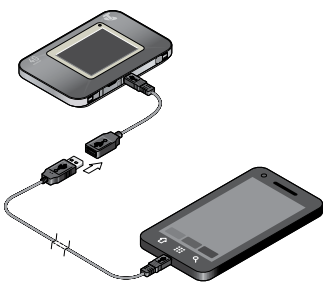
7. **Jump Boost** — See below for details.

JUMP BOOST

You can use the Telstra Wi-Fi 4G Advanced to give a boost to another device's battery using the Jump Boost cable provided with your device.

To boost another device's battery:

- Plug the jump boost cable into your Telstra Wi-Fi 4G Advanced.
- Plug your other device's USB cable into the boosting cable's female connector.



- On the home screen, tap Settings > Jump Boost.
- Tap one of the boosting options (30/60/90 minutes).

Note: The Telstra Wi-Fi 4G Advanced cannot be charged while it is boosting another device.

USING THE WEB INTERFACE

Connect to the web interface (device home page) to change the settings of your Telstra Wi-Fi 4G Advanced. The web interface can only be accessed after connecting via Wi-Fi on your device.

Note: Many of these settings can be modified directly on the device using its touchscreen. (See page 17)

LOGIN TO THE WEB INTERFACE

- Open a web browser and enter http://m.home in the address bar.
- Login to make changes — In the Sign In field, enter the default Admin Password: **admin**. Username is not required.

From the web interface, you can access all of the features available on the touch screen, plus advanced features such as technical Wi-Fi settings, router settings (for example, Port Forwarding), and white list (MAC Filter).

DATA USAGE

When you have logged in to the web interface, your data usage information for the current billing cycle and current session is shown on the home page.

- You will receive SMS alert notifications when your estimated data usage reaches approximately 50%, 85% and 100% of your included allowance.
- View your alerts by selecting Messages on the LCD touchscreen or the web interface home page.
- If you want to change your alert notifications to email using the Mobile Data Usage meter, you will need to register for Telstra Online Services at telstra.com/myaccount or telstra.com/business/mdum (business) for more information.

MODIFY ADMIN LOGIN, SSID AND SECURITY KEY

Once you have logged in to the web interface, you can modify your device and Wi-Fi credentials if you want to choose your own names and passwords:

- Admin login — Click Settings > General > Device and change the Password field in the Homepage section.

• Main or Secondary/Guest Wi-Fi name and password — Click Wi-Fi > Options, and then edit the Main or Secondary/Guest Wi-Fi network credentials.
You can choose a predefined Wi-Fi profile or make a custom profile, and customize the Wi-Fi network names and passwords.
If you make a custom profile, you can enable/disable the secondary Wi-Fi network, set it as a Guest Wi-Fi network, and set the frequency bands used by each network (2.4 GHz provides long range connections, while 5 GHz provides shorter range connections with potentially higher data rates and less interference).

CONFIGURE WI-FI SETTINGS

You can configure your Wi-Fi network settings, including the number of devices that can connect at the same time, Wi-Fi range, security, etc.

- Click Wi-Fi > Options, change any of the settings, and click Submit.

VIEW OR BLOCK CONNECTED DEVICES

You can see the IP and MAC addresses of the devices that are currently connected to your Wi-Fi networks, and block unwanted devices.

- Click Devices.

- Click a device name to view its details.

- If you don't want to allow the device to use your Wi-Fi network, click Block Device.

GPS

The Telstra Wi-Fi 4G Advanced can be used to get a one-time GPS fix or continuous fixes.

- Click GPS.
- Enable GPS if it isn't already enabled — Select Enable GPS.
- Select the GPS mode (One-time or Continuous) and click Submit.
- If the GPS mode is Continuous, the GPS data updates automatically. Otherwise, click Update location to do a one-time fix.

MESSAGING

You can read and delete your new and saved SMS messages from the web interface.

- Click Messaging.
- Click a message line to read the full message, and then click Delete if you want to remove it from the device.

MANAGE DEVICE SETTINGS

You can configure general and advanced device settings from the web interface.

- Click Settings.

- Click:
  1. General > Device to configure the device display options
  2. General > Software and Reset to reset the device default settings or update the device software
  3. Network > Preferences to update settings for connecting to data networks

4. Network > APN to set up access point names for connecting to other networks
5. Network > SIM Security to require a PIN to use the device
6. Network > Status Details to view the current data network connectiondetails
7. Router > Basic to configure your data connection
8. Router > Port Forwarding if your computer is hosting a server
9. Router > Port Filtering to choose which applications can access the Internet

BOOST ANOTHER DEVICE'S BATTERY

See page 22 for connection instructions, and use the Jump Boost option in the menu panel on the left side of the web interface.

PROBLEM SOLVING

Why can't I connect a device to the Telstra Wi-Fi 4G Advanced?

If you are having an issue connecting to the Telstra Wi-Fi 4G Advanced, try the following suggestions:

- Turn off your device and take the battery out, wait 10 seconds, put the battery back in and turn your device on.
- Restart your computer.
- Turn off or temporarily disable any Security Programs or Firewalls.
- If possible try using another computer or Wi-Fi device to connect to your Telstra Wi-Fi 4G Advanced.

I cannot access the Internet at all

If you are having an issue accessing the Internet, try the following suggestions:

- Check the colour display status.
- Make sure you have network coverage in your area.
- Check that your SIM card is active and enabled with data services.
- Please wait 1-2 minutes for the device to initialize.
- Confirm that your account is activated and that no other Internet connections are active.

- Try switching your device off and on, and restarting your PC or Wi-Fi device.

My battery has not charged while in use and connected to the charger

If you are in a low coverage area, have been transferring a lot of data, or left the device in a hot location, the internal temperature of the device can rise above 45 °C. In these conditions the battery cannot be charged due to safety limits with Li-ion battery technology.

Note: The Telstra Wi-Fi 4G Advanced will not charge while it is boosting another device.

The signal indicator is always low.

Your device has poor reception. Try moving the device to a location with a clear view of the sky (for example, near a window).

The download or upload speeds are very slow.

The speed is dependent on signal strength. Check your signal strength and network type. (See page 9.)

How do I go back to the home page (web interface)?

Open your browser and type in http://m.home or http://192.168.1.1

What is my Admin Password?

The Admin Password for the home page (web interface) enables you to configure your Telstra Wi-Fi 4G Advanced from a connected device.

The default Admin Password is **admin**.

What do I do if I changed the Admin Password and then forgot it?

On the LCD homescreen, tap Settings > Reset to reset the device to factory defaults.

What do I do if I changed the Main or Guest Wi-Fi password and then forgot it?

View the password:

- On the LCD homescreen, tap Wi-Fi > Main Wi-Fi, or Wi-Fi > Wi-Fi Profiles > Edit (for Guest Wi-Fi).
- On the web interface, log in and then click Wi-Fi.

The LCD screen is not lit. How do I know if the device is powered on?

The LCD screen dims to save energy. The Status LED will be blinking if the device is still powered on. Press and release the Power key to wake the device.

Where can I get more information?

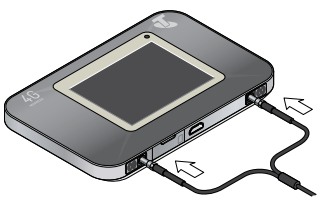
- Visit support.netgear.com, click Support for Home Products, search for Telstra, and select Wi-Fi 4G Advanced from the list of products to:
    - Update the firmware
    - View the User Guide
    - View the Telstra Wi-Fi 4G Advanced tutorial
    - Learn tips and tricks at www.netgear.com/learningcenter/mobile to get the most from your Telstra Wi-Fi 4G Advanced

  Information on accessories is available at: http://www.netgear.com/telstraaccessories

CONNECTING AN EXTERNAL ANTENNA

• Slide the antenna doors open.

• Connect the antenna to the TS9 port.



TECHNICAL SPECIFICATIONS

Device Category	Category 4 (FDD LTE)
LTE	4G CA 900+1800 MHz Quad-band 4G (900/1800/2100/2600 MHz)
UMTS/ HSPA+DC	Quad-band 3G (850/900/1900/2100 MHz)
Wi-Fi	Dual-band 2.4/5 GHz 802.11 b/g/n 2x2 MIMO Working range 30–90m radius in free space Up to 10 simultaneous connections
Dimensions	69 mm (H) x 110 mm (L) x 15 mm (W)
Weight	140 g
Touchscreen	2.4" resistive
Battery	Continuous usage — Up to 10 hours Standby time — Up to 10 days 2500mAh rating
Operating systems	Windows 8, Windows RT, Windows 7, Windows Vista (32/64 bit), Windows XP (32/64 bit) Mac OS 10.6 and above

EXTRA BITS YOU SHOULD KNOW

COVERAGE

The Telstra Mobile Network offers 4G in all capital CBDs and associated airports, many surrounding suburban areas and in over 100 regional areas. You'll automatically switch to our fastest available 3G in other coverage areas around Australia. Actual speeds vary due to factors such as location distance from the base station, local conditions, user numbers, hardware, software configurations and download source/upload destination. If multiple users access the device, speeds will be less.

Visit telstra.com/coverage for details of speeds and coverage locations.

NETWORK LOCK

- Your wireless device is locked to the Telstra network.
- When you insert a non-Telstra SIM card you are presented with unlock instructions.
- Contact Telstra to obtain your 8-digit unlock code.
- An unlocking fee may apply.
- 5 incorrect attempts will block the unlock process and the device will then only work with a Telstra SIM card.
- Contact Telstra for more information.

DATA USAGE DETAILS

Notifications will not show usage and charges for current sessions, and should be used as a guide only. Mobile Data Usage only shows estimated charges. Charges shown do not include charges for current sessions or discounts that may only be applied to your account when your bill is issued. In addition, My Data Usage does not show charges for Telstra Wireless Hotspot services, Wi-Fi data usage using PC Packs, or International Roaming usage. Please check your bill for a full list of actual charges.

TERMS OF SERVICE

It is important that you read and understand the terms that apply to your service. The terms for your Telstra Wi-Fi 4G Advanced service are set out in Our Customer Terms (as varied from time to time). For terms governing your Telstra Wi-Fi 4G Advanced service, please see Our Customer Terms at http://www.telstra.com.au/customer-terms. Your pricing brochure contains a summary of the charges that apply to your Telstra Wi-Fi 4G Advanced service.

NOTES

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